

Data File : VV011829.D  
Acq On : 03 Jul 2019 14:31  
Operator : SY/MD  
Sample : K3598-02DL 20X  
Misc : 26ML/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAM80DL

Quant Time: Jul 04 00:28:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jul 03 23:52:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 192575   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 184359   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 80226    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 50647    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 41636    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 74264    | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.60%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 140420   | 43.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.74%  |
| 24) Chloroform-d               | 4.40   | 84    | 100114   | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 56075    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 201936   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 63661    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 171306   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19985    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 103687   | 42.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 41119    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 76.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 63334    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.40%  |

| Target Compounds      |      |     |        |             | Qvalue |
|-----------------------|------|-----|--------|-------------|--------|
| 47) Tetrachloroethene | 8.02 | 164 | 128485 | 11.434 ug/L | 98     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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